

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of)
Patrick Casara)
Serial No.: not yet assigned)
Filed: concurrently herewith)
Title: NOVEL PROCESS FOR)
PREPARING 4-AMINO-5-HEXENOIC)
ACID)

) Examiner: M. Shippen
Art Unit: 1204

I hereby certify that this correspondence is being deposited with the United States Postal Service as Express Mail in an envelope addressed to Commissioner of Patents and Trademarks, Washington, D.C., 20231, on

1-19-94

(Date of Deposit)

John W. Casara

Signature

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PRELIMINARY AMENDMENT

The Honorable Commissioner
of Patents and Trademarks
Washington, D.C., 20231

Sir:

Please amend the above-referenced application as follows:

IN THE CLAIMS:

Claim 1 (Twice Amended) The process for preparing 4-amino-5-hexenoic acid, or its pharmaceutically acceptable salts thereof which comprises the steps:

- (a) thermally rearranging erythritol to 4-formyloxy-3-hydroxy-1-butene, in the presence of an excess of formic acid,
- (b) thermally rearranging 4-formyloxy-3-hydroxy-1-butene to ethyl 6-formyloxy-4-hexenoate, followed by the conversion of the formate to its corresponding alcohol ethyl 6-hydroxy-4-hexenoate,
- (c) converting the so-produced ethyl 6-hydroxy-4-hexenoate to ethyl 6-trichloroacetimidoxyl-4-hexenoate by reaction with trichloroacetonitrile, followed by its thermal rearrangement to [its imidate] ethyl-4-trichloroacetamido-5-hexenoate

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6/20/94